



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 16.04.2020

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS

TOPIC: REFLEX ARC

WORKSHEET 9

Choose the correct option:

(1X15=15)

1. In reflex arc, sensory neuron gets activated near the
a. Ventral root ganglion b. Dorsal root ganglion c. Effector d. None of these
2. In reflex arc the motor neuron leads to the
a. Muscle b. CNS c. Effector d. Both a and c
3. Reflex action is related to
a. Quick response b. Involuntary response c. Both a and b d. Voluntary response
4. Inborn reflex is also called
a. Complex reflex b. Simple reflex c. Acquired reflex d. None of these
5. Which of the following is a conditioned reflex?
a. Blinking of eyes when light falls b. Moving away of hand for pin prick
c. Salivation on ringing of bell d. Both a and b
6. Reflex arc consists of
a. Motor neuron b. Sensory neuron c. Both motor & sensory d. Mixed nerve
7. Ventral root of spinal nerve contain
a. Effector neuron b. Receptor neuron c. Detector neuron d. Both a and c
8. Which of the following is caused by the Arrival of stimulus?
a. Activation of sensory neuron b. Activation of receptor
c. Response by effector d. Processing information in CNS
9. Collateral Neuron is also called
a. Motor neuron b. Sensory neuron c. Interneuron d. None of these
10. Which of the following is proved by Pavlov's experiment?
a. Acquired reflex b. Simple reflex c. Inborn reflex d. None of these
11. Which of the following forms the neutral stimulus in Pavlov's experiment?
a. Food b. bell c. Food+bell d. Saliva
12. In Pavlov's experiment The unconditioned stimulus was?
a. Food b. bell c. Food+bell d. Saliva
13. Which of the following is not a reflex action?
a. Salivation b. Jumping by hearing loud noise c. Sweating d. None of these
14. Learning is associated with
a. Conditioned reflex b. Unconditioned reflex c. Both a and b d. None of these
15. Conditioned reflex was first proved experimentally by
a. Harvey b. Robert Frisch c. Pavlov d. Bartolomew

-Debjani Chakraborty